

## Key Points Lesson 15

Lessons 1 through 14 introduced you to Unified English Braille (UEB) that is used when writing in a literary context. This lesson provides a brief introduction to two ways to write mathematics material; one is using the UEB code and the other is using the Nemeth code. In the United States, as of January 4, 2016, both codes are being used.

In Lesson 4 you learned the numbers in Unified English Braille. To braille numbers you place the numeric indicator (⠼) in front of the first 10 letters of the alphabet.

⠼⠠⠠ ⠼⠠⠡ ⠼⠠⠢ ⠼⠠⠠⠠ ⠼⠠⠠⠡ ⠼⠠⠠⠢ ⠼⠠⠠⠠⠠ ⠼⠠⠠⠠⠡ ⠼⠠⠠⠠⠢ ⠼⠠⠠⠠⠠⠠

1    2    3    4    5    6    7    8    9    0

Lesson 4 briefly mentioned that in Nemeth code, the numbers drop down to the lower part of the cell.

⠼⠠⠠ ⠼⠠⠡ ⠼⠠⠢ ⠼⠠⠠⠠ ⠼⠠⠠⠡ ⠼⠠⠠⠢ ⠼⠠⠠⠠⠠ ⠼⠠⠠⠠⠡ ⠼⠠⠠⠠⠢ ⠼⠠⠠⠠⠠⠠

1    2    3    4    5    6    7    8    9    0

In Nemeth code the numbers are in the lower part of the cell, so that you can combine them with letters. For example: 4a (⠼⠠⠠⠠⠠⠠). In Unified English Braille a letter indicator (⠠) is used to tell the braille reader that the next cell is a letter. For example: 4a (⠼⠠⠠⠠⠠⠠⠠).

There are signs for each mathematical symbol in both Nemeth code and Unified English Braille. The table below shows you the symbols.









## Reading 15 Answer Key

$$5 + 10 = \underline{\hspace{2cm}}$$

$$\$36 - ? = \$ 24$$

$$5 \times 8 - ? = 37$$

$$\underline{\hspace{1cm}} + 1.50 = 3.75$$

$$71.0 \cdot 35.25 = ?$$

        , 10, 15, and 20

Stacy has \$80 and Chuck has \$65 who has more?

9% of \$65.30 is                     

$$(84a + 4) + (35b - 10) = 240$$

## Writing 15

What is the area of a rectangle that is 2 feet on one side and 7 feet on the other?

$$27 \times ? = 621$$

$$\$74.23 \div 3 = \underline{\hspace{2cm}}$$

I paid 90 cents for 12 oranges and found that 3 of them were spoiled. How much did each good orange cost?

$$51,858 - ? = 402$$

$$? + 64 + 58 + 37 = 265$$

$$15bc = 3b \times 5c$$

$$30 \text{ is } 5\% \text{ of } ?$$





# Writing 15 Answer Key UEB

1.      2.      3.      4.      5.      6.      7.      8.      9.      10.

11.      12.      13.      14.      15.      16.      17.      18.      19.      20.

21.      22.      23.

24.      25.

26.      27.      28.      29.      30.      31.      32.      33.      34.      35.

36.      37.      38.      39.      40.      41.      42.      43.      44.      45.

46.      47.      48.

49.      50.      51.      52.      53.      54.      55.

56.      57.      58.      59.      60.